

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	18	ADPRTL1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/10 14:34
S2	10	"minor vault protein"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/15 12:08
S3	3	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/15 13:15
S4	0	S1 and @pd<="20020408"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/10 14:35
S5	468452	Von Der Kammer-Heinz.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/15 12:09
S6	73	Pohlner-Johannes.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/15 12:10
S7	2	S6 and "minor vault protein"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/15 12:11
S8	2	S6 and "vault protein"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/15 12:11

## EAST Search History

S9	22	vault WITH (ADPRTL1 or VPARP or PHP5 or p193)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/15 16:47
S10	8	("neurodegenerative diseases" or "neurodegenerative disease") and "Alzheimer disease" and assay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/15 17:03
S11	0	("neurodegenerative diseases" or "neurodegenerative disease") and "Alzheimer disease" and assay and vault	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/15 17:03

vault protein assembly. In this study we identified and analyzed structural domains involved in vault assembly with emphasis on protein-protein interactions. Using a yeast two-hybrid system, we demonstrate within MVP an intramolecular binding site and show that MVP molecules interact with each other via their coiled coil domain. We show that purified MVP is able to bind calcium, most likely at calcium-binding EF-hands. No interactions could be detected between TEP1 and other vault proteins. However, the N-terminal half of MVP binds to a specific domain in the C-terminus of VPARP. Furthermore, VPARP contains amino acid stretches mediating intramolecular binding. (C) 2002 Elsevier Science (USA).

=> D His

(FILE 'HOME' ENTERED AT 12:57:44 ON 15 JAN 2007)

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH' ENTERED AT 12:58:21 ON 15 JAN 2007

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L1          E VON DER KAMMER HEINZ/AU
          168 S E1, E3
          E POHLNER JOHANNES/AU
L2          170 S E1, E2, E3
L3          290 S L1 OR L2
L4          111 S VAULT (S) (ADPRTL1 OR VPARP OR PHP5 OR P193)
L5          1 S L3 AND L4
L6          2723695 S (MODULATOR OR SCREEN OR ASSAY)
L7          27 S L4 AND L6
L8          28 S L5 OR L7
L9          9 DUP REM L8 (19 DUPLICATES REMOVED)
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